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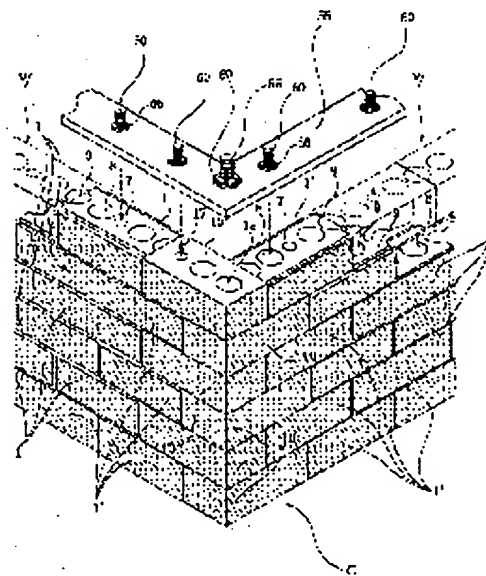
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(54) BRICK MASONRY STRUCTURE, BRICK MASONRY METHOD AND BRICK MANUFACTURING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a brick masonry structure, a masonry method and a manufacturing method capable of being fitted to every sectional structure of various buildings such as corner section, opening section, column type or the like.

SOLUTION: Bricks 1; 1'; 10; 20; 30; 40 and metal plates 51; 52; 55 are laminated, and the bricks are integrally connected to each other under prestress by tightly clamping bolts 60 passing through vertical bolt insertion holes 7; 17; 27; 37; 47. The bricks also have vertical passing-through holes 8; 18; 28; 38; 48 with a large diameter. In a corner section connecting the bricks at a specific angle, the passing-through holes are vertically arranged in a projected corner section or a recessed corner section wall cross area to form a continuous vertical hole, a longer bolt 65 having a comparatively large diameter is inserted into the vertical holes, and a nut 69 is clamped to the upper end of the longer bolt. In the opening frame part or the column type part, the passing-through holes and the bolt insertion holes are alternately arranged in the vertical direction and are stood in a row in the vertical direction. A nut 70 forming a clamper is inserted into the passing-through holes. Both up and down bricks are integrally connected under prestress by clamping the bolts 60 to the nuts in the passing-through holes.



LEGAL STATUS

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